

Worksheet 5. Application Summary

This worksheet will be posted on the web to notify the public of requests for critical use exemptions beyond the 2005 phase out for methyl bromide. Therefore, this worksheet cannot be claimed as CBI.

1. **Consortium Name:** Southeastern Cucurbit Consortium
 2. **Location:** Alabama, Arkansas, Kentucky, Louisiana, North Carolina, South Carolina, Tennessee, Virginia
 3. **Crop:** Cucurbits, including melons (*Cucumis melo*), cucumbers and squash

Pounds of Methyl Bromide Requested 2007 2,114,520 **lbs.**

Acres Treated with Methyl Bromide 2007 15,780 **Acres**

6. If methyl bromide is requested for additional years, reason for request:

In the absence of technically and economically-feasible alternatives, methyl bromide will be needed by melon, cucumber and squash producers. It is uncertain at this time when suitable alternatives will be available and transferred to producers.

Thus, the Consortium is requesting three years of exemption.

2006	<u>2,047,520</u>	lbs.	Area Treated	<u>15,280</u>	Acres
2007	<u>2,114,520</u>	lbs.	Area Treated	<u>15,780</u>	Acres
2008	<u>2,208,320</u>	lbs.	Area Treated	<u>16,480</u>	Acres

Place an "X" in the column(s) labeled "Not Technically Feasible" and/or "Not Economically Feasible" where appropriate. Use the "Reasons" column to describe why the potential alternative is not feasible.

Potential Alternatives	Not Technically Feasible	Not Economically Feasible	Reasons
Metam-Na	X		This potential alternative has an extended time between application and crop planting (compared to methyl bromide) and is not very effective on nutsedge.
chloropicrin	X		This alternative does not give effective control of nutsedge.
1,3-D	X		This alternative does not give effective control of nutsedge.
1,3-D, chloropicrin	X		This alternative does not give effective control of nutsedge.
1,3-D, brush burning	X		This alternative does not give effective control of nutsedge.
1,3-D, chloropicrin, metam-Na	X		This alternative does not give effective control of nutsedge.
1,3-D, chloropicrin, pebulate	X		This alternative gives good control of nutsedge or nightshade, but is not registered on cucurbit crops.
1,3-D, metam-Na	X		This alternative does not give effective control of nutsedge.
metam-Na, chloropicrin	X		This alternative does not give effective control of nutsedge
metam-Na, crop rotation	X		This alternative does not give effective control of nutsedge
metam-Na, solarization	X		This alternative does not give effective control of nutsedge
solarization, fungicides	X		This alternative does not give effective control of nutsedge